

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005195

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M5/24 A61M5/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No |
|------------|--|----------------------|
| X | EP 1 123 712 A (NEMOTO KYORINDO CO., LTD) 16 August 2001 (2001-08-16) page 2, line 54 - page 3, line 17; figure 13 | 1-11 |
| A | EP 0 665 027 A (MALLINCKRODT MEDICAL GMBH) 2 August 1995 (1995-08-02) claim 1; figure 1 | 1 |
| P, X | US 6 726 657 B1 (DEDIG JAMES ALBERT ET AL) 27 April 2004 (2004-04-27) abstract; figures 10A-11 | 1 |
| X | US 6 090 070 A (HAGER ET AL) 18 July 2000 (2000-07-18) abstract; figures | 1 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the international search

24 May 2005

Date of making of the international search report

02/06/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Ehram, F

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/005195

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|----------------------------|---------------------|
| EP 1123712 | A | 16-08-2001 | JP 2001218842 A | 14-08-2001 |
| | | | JP 2001224685 A | 21-08-2001 |
| | | | JP 2002011096 A | 15-01-2002 |
| | | | JP 2002224218 A | 13-08-2002 |
| | | | CN 1359731 A | 24-07-2002 |
| | | | EP 1123712 A1 | 16-08-2001 |
| | | | EP 1447106 A2 | 18-08-2004 |
| | | | EP 1466640 A2 | 13-10-2004 |
| | | | EP 1454645 A2 | 08-09-2004 |
| | | | EP 1449552 A2 | 25-08-2004 |
| | | | US 2004087908 A1 | 06-05-2004 |
| | | | US 2004082919 A1 | 29-04-2004 |
| | | | US 2004092881 A1 | 13-05-2004 |
| | | | US 2004087909 A1 | 06-05-2004 |
| | | | US 2004087910 A1 | 06-05-2004 |
| | | | US 2001021823 A1 | 13-09-2001 |
| EP 0665027 | A | 02-08-1995 | EP 0665027 A1 | 02-08-1995 |
| | | | AT 187653 T | 15-01-2000 |
| | | | AU 1909895 A | 15-08-1995 |
| | | | CA 2182267 A1 | 03-08-1995 |
| | | | DE 59409006 D1 | 20-01-2000 |
| | | | DE 69527281 D1 | 08-08-2002 |
| | | | DE 69527281 T2 | 16-01-2003 |
| | | | DK 665027 T3 | 03-04-2000 |
| | | | EP 0746355 A1 | 11-12-1996 |
| | | | ES 2174939 T3 | 16-11-2002 |
| | | | JP 3588117 B2 | 10-11-2004 |
| | | | JP 10510722 T | 20-10-1998 |
| | | | WO 9520410 A1 | 03-08-1995 |
| | | | US 5792102 A | 11-08-1998 |
| US 6726657 | B1 | 27-04-2004 | EP 1200144 A1 | 02-05-2002 |
| | | | JP 2003505210 T | 12-02-2003 |
| | | | WO 0108727 A1 | 08-02-2001 |
| | | | US 2001023336 A1 | 20-09-2001 |
| | | | US 2001011163 A1 | 02-08-2001 |
| US 6090070 | A | 18-07-2000 | AU 728315 B2 | 04-01-2001 |
| | | | BR 9700930 A | 08-12-1998 |
| | | | CA 2197395 A1 | 12-08-1998 |
| | | | CZ 9700415 A3 | 12-08-1998 |
| | | | DE 19705189 A1 | 13-08-1998 |
| | | | EP 0857491 A1 | 12-08-1998 |
| | | | HU 9700427 A2 | 28-06-1999 |
| | | | JP 10225516 A | 25-08-1998 |
| | | | NO 970606 A | 11-08-1998 |
| | | | NZ 314211 A | 28-01-1999 |
| | | | ZA 9701138 A | 11-08-1998 |
| | | | AU 1266397 A | 20-08-1998 |
| | | | JP 3561677 B2 | 02-09-2004 |
| | | | JP 2000302075 A | 31-10-2000 |